ABSTRACT OF THE DISCLOSURE

In the tail address in a first queue in a pointer table, the head address in a second queue is stored as pointer information. In the tail address in the second

5   queue, the tail address in the first queue is stored as pointer information. Pointer information about the head address in the first queue is stored in the head address in a storage area. In the tail address, pointer information about the tail address in the

10 second queue is stored.